

APPENDIX C

PUBLIC INFORMATION AND OTHER NOTICES

FIGURE C-1
NATIONAL WEATHER SERVICE PUBLIC ZONES

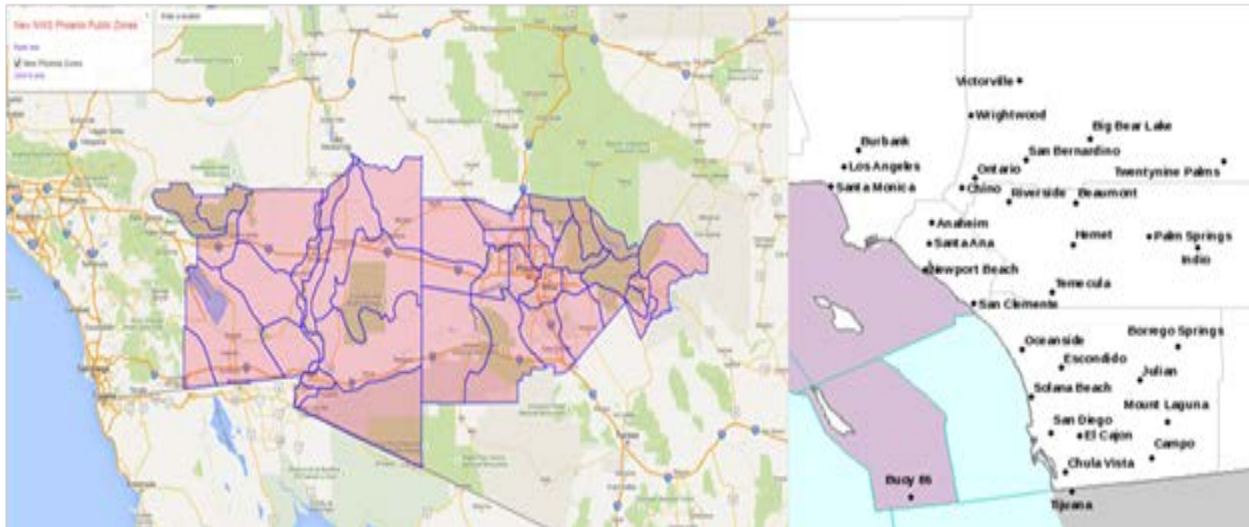



Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE C-2
IMPERIAL COUNTY WEB POSTING
OF POTENTIAL ELEVATED PM CONCENTRATIONS APRIL 18, 2018

Advisory Events

The information herein is NOT intended for use as a weather forecast. The Air District DOES NOT forecast but solely compiles information from both the Phoenix and San Diego National Weather Offices to relay information concerning potential changes in ambient air concentrations that may impact the public.

April 18 2018	
Be Advised	
<p>High wind levels have the potential to suspend particulate matter into the air. High levels of PM10 may pose an impact to public health. It is recommended that active children and adults, and people with respiratory disease, such as asthma, limit their outdoor activities.</p> <p>Potential increases in PM₁₀ concentrations may increase to moderate or unhealthy level.</p>	
Imperial County Weather Synopsis	
<p>IMPERIAL COUNTY</p> <p>Today will be sunny and warmer with high temperatures climbing into the high 80s. Winds will be light in the morning be gradually increase through the day as the next weather system moves in. By afternoon winds could reach 10-20 mph with gusts up to 30 mph in the southwest portion of the county. Winds will be stronger on Thursday.</p> <p><u>SYNOPSIS FROM THE SAN DIEGO OFFICE</u></p> <p>Mostly sunny and a little warmer today. Thursday will turn windy and colder with a chance of light showers over and west of the mountains as a strong trough moves across California. The biggest concern with this system is once again strong gusty winds in the mountains and deserts. Winds will start to pick up this evening as the trough approaches, then peak late tonight into Thursday morning as the trough axis moves through. Winds in the deserts will become more widespread during this time, though will generally be weaker. Overall it looks like wind gusts will mainly be between 45-55 MPH in parts of the mountains and deserts, with isolated gusts around 60 MPH. The weekend will be dry and warm with lighter winds and temperatures closer to seasonal averages.</p> <p><u>SYNOPSIS FROM THE PHOENIX OFFICE</u></p> <p>A strong, but mostly dry weather system will affect the Desert Southwest Thursday and Friday bringing a return of windy conditions and an elevated to critical fire weather threat. The approaching trough will track southwestward today reaching central California tonight. As with the past several weather systems, this one will be mostly dry in nature and pose a wind, blowing dust and fire weather threat. Winds will initially strengthen across portions of southeast California this evening, remaining gusty at times through tonight. Widespread stronger winds will move in starting mid Thursday morning, peaking late Thursday afternoon. Wind gusts Thursday afternoon/early evening to 30 mph will be common with the possibility of localized advisory level winds over southern Gila County. The gusty winds will most likely create some blowing dust with at least some potential for dense blowing dust in the most dust prone areas of Pinal County.</p>	
Weather Story Phoenix Station	Weather Story San Diego Station



Increased Fire Danger Thursday
South-Central Arizona

Increased Fire Danger!

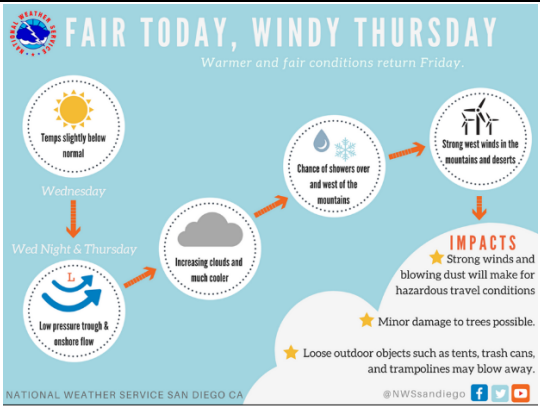
- Very dry conditions
- Strong Gusty winds
- Dry vegetation

What you can do:

- Don't do fireworks or build campfires
- Stow trailer chains properly
- Don't toss cigarette butts
- Don't drive over dry grass

Reminder: Always adhere to Burn Bans!

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FAIR TODAY, WINDY THURSDAY
Warmer and fair conditions return Friday.

Temps slightly below normal
Wednesday

Wed Night & Thursday
Low pressure trough & onshore flow

Increasing clouds and much cooler

Chance of showers over and west of the mountains

Strong west winds in the mountains and deserts

IMPACTS

- ★ Strong winds and blowing dust will make for hazardous travel conditions
- ★ Minor damage to trees possible.
- ★ Loose outdoor objects such as tents, trash cans, and trampolines may blow away.

NATIONAL WEATHER SERVICE SAN DIEGO, CA
@NWSSandiego [f](#) [t](#) [v](#)

Weather Forecast Office
San Diego, CA
4/18/2018 5:25 am PDT

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weather.gov/SanDiego

FIGURE C-3
IMPERIAL COUNTY WEB POSTING
OF POTENTIAL ELEVATED PM CONCENTRATIONS APRIL 19, 2018

Advisory Events

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April 19 2018
Be Advised
<p>High wind levels have the potential to suspend particulate matter into the air. High levels of PM10 may pose an impact to public health. It is recommended that active children and adults, and people with respiratory disease, such as asthma, limit their outdoor activities.</p> <p>Potential increases in PM₁₀ concentrations may increase to moderate or unhealthy level.</p>
Imperial County Weather Synopsis
<p>IMPERIAL COUNTY</p> <p>WIND ADVISORY IN EFFECT UNTIL 7 PM PDT THIS EVENING...</p> <p>The NWS Phoenix office has issued a WIND ADVISORY for portions of Imperial County including the Chuckwalla Mountains area, the western and southwestern portion of Imperial County. However, winds will be high over the entire county.</p> <p>West winds will be 20 to 30 mph with gusts up to 40 mph. Areas of blowing dust are expected through the day. Tonight west winds will be 20 to 30 mph in the evening decreasing to 10 to 20 mph after midnight. Gusts up to 40 mph in the evening. There will be areas of blowing dust in the evening.</p> <p>Temperatures will reach a high between 70 to 75 degrees. Low temperatures will be 48 to 58 degrees.</p> <p><u>SYNOPSIS FROM THE SAN DIEGO OFFICE</u></p> <p>The NWS San Diego office has issued a HIGH WIND WARNING until 2 AM PDT Friday for the San Diego County deserts. Other effected areas include the Coachella Valley-Riverside County Mountains-San Diego County Mountains-San Gorgonio Pass near Banning.</p> <p>A trough of low pressure will generate strong west winds in the mountains and deserts through tonight. Winds are increasing across the mountains and deserts this morning. The highest wind gusts recorded so far have been 52 mph at Whitewater in the San Gorgonio Pass, and 43 mph at Volcan Mountain. Winds will continue to strengthen through mid-morning, especially along the mountain crests and desert mountain slopes.</p> <p>Areas of strong west winds will continue, strongest this afternoon and evening from the mountain crests through the desert slopes and into the deserts. Gusts will generally be around 40-55 mph with isolated gusts to 60 mph. Areas of reduced visibility below 3sm in blowing dust and sand are probable in deserts this afternoon and evening.</p>

There is also a chance of light precipitation along and west of the mountains through this evening. The compact cold front and small band of precipitation is currently making its way into Santa Barbara County. This frontal precipitation is forecast to fall apart before even making it to Ventura County. Whatever is left of it will arrive in Orange/San Diego County by mid-morning. Recent runs of the high resolution models have backed off on precipitation amounts - not that there was a lot to begin with. Some areas along and west of the mountains may pick up a few hundredths of an inch, mainly in San Diego County. Aside from the wind and showers, this trough will bring much cooler weather. High temps will be anywhere from 10 to 20 degrees below normal today.

The trough will depart tonight, with lighter winds following. Gradual warming takes place through Sunday as weak high pressure moves in behind the trough. High temperatures will climb to around 5 to 10 degrees above normal. There may be some patchy low clouds and fog along the coast Saturday and Sunday mornings.

SYNOPSIS FROM THE PHOENIX OFFICE

HIGH WINDS AND BLOWING DUST FOR SE CALIFORNIA. RED FLAG CONDITIONS FOR EASTERN ARIZONA.

A strong, but mostly dry weather system will affect the Desert Southwest into Friday bringing a return of windy and critical fire conditions across the eastern half of Arizona.

Southwest will continue to increase through this morning with winds becoming gusty initially across southeast California and southwest Arizona by mid-morning. Gusty winds will become widespread this afternoon peaking late this afternoon with gusts 25 to 35 mph. Winds will likely hit advisory level across Imperial County and southern Gila County late this afternoon with gusts peaking at 40 to 45 mph. This should lead to at least some patching blowing dust and possibly very localized dense blowing dust this afternoon. The strong winds and existent dry boundary layer will also lead to a period of critical fire weather conditions this afternoon and early evening. Red Flag conditions are anticipated during this time for the eastern 2/3s of Arizona.

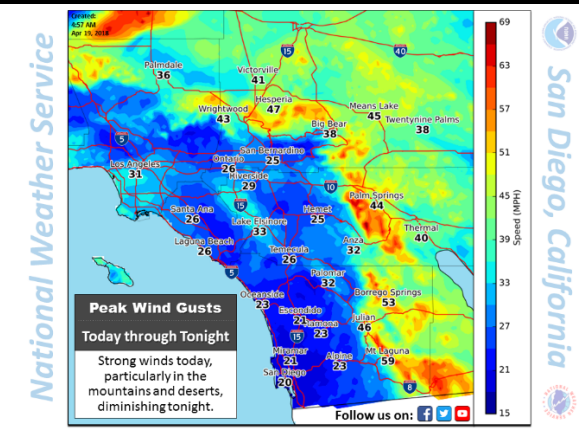
A significant warming trend is expected this weekend into early next week with high temperatures eventually returning into the middle to upper 90s over the lower deserts.

Weather Story Phoenix Station



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Weather Story San Diego Station



[NWS](#) [Weather Forecast Office San Diego, CA](#)
4/19/2018 5:10 am PDT

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FIGURE C-4
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 18, 2018

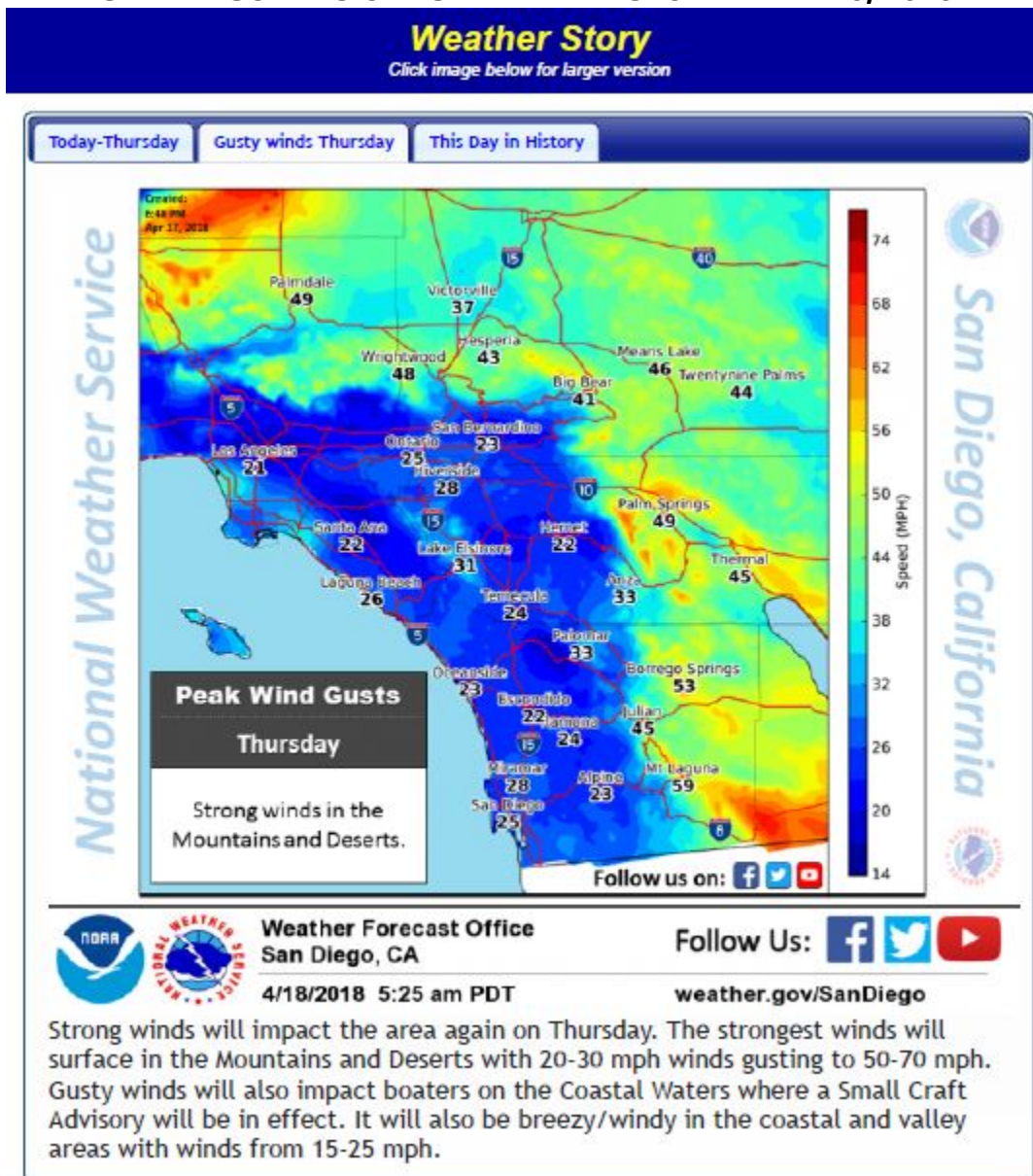


Fig C-4: Illustrates the high winds across the region

FIGURE C-5
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 19, 2018

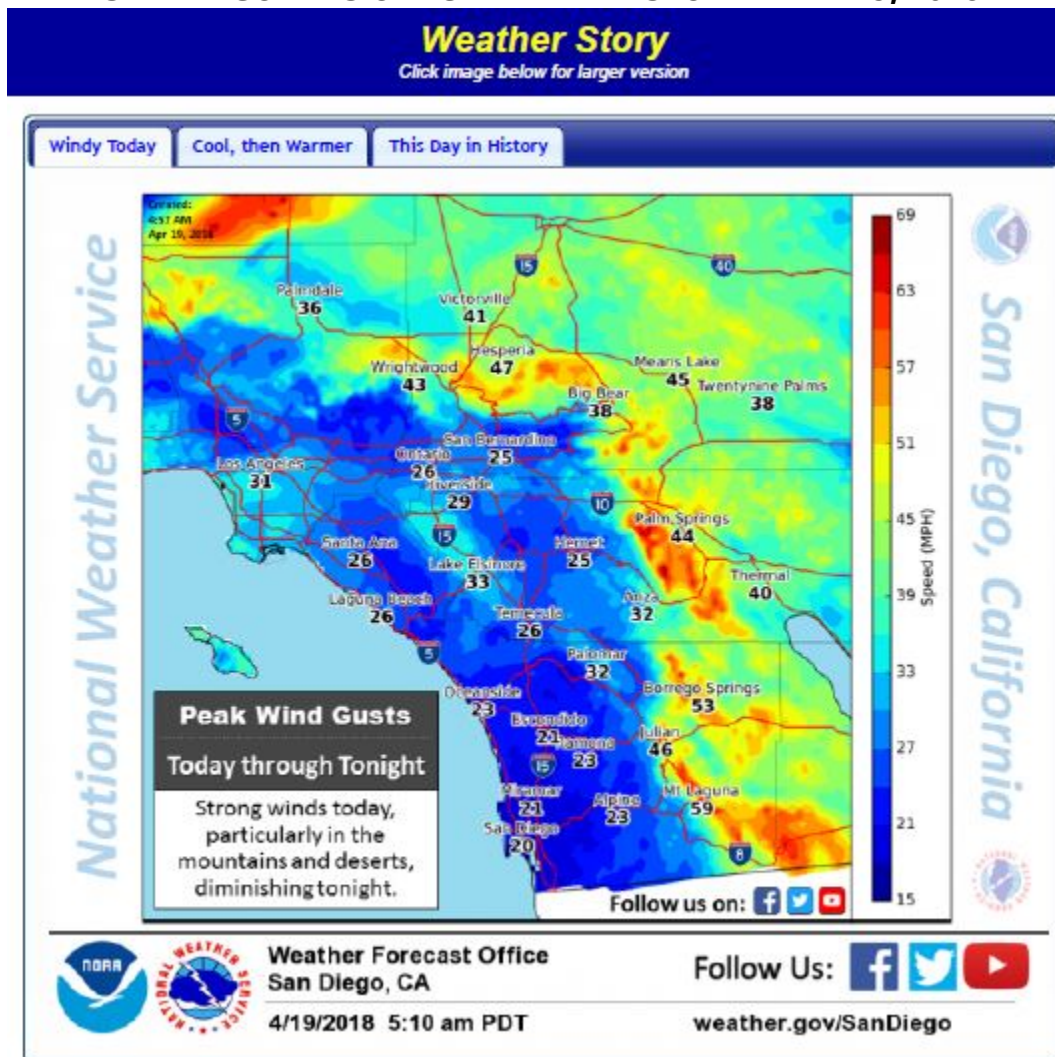


Fig C-5: Illustrates the high winds forecast for the region

FIGURE C-6 PHOENIX NWS OFFICE WEATHER STORY APRIL 19, 2018



Fig C-6: Illustrates the advisories for high winds forecast for the region

FIGURE C-7
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 19, 2018

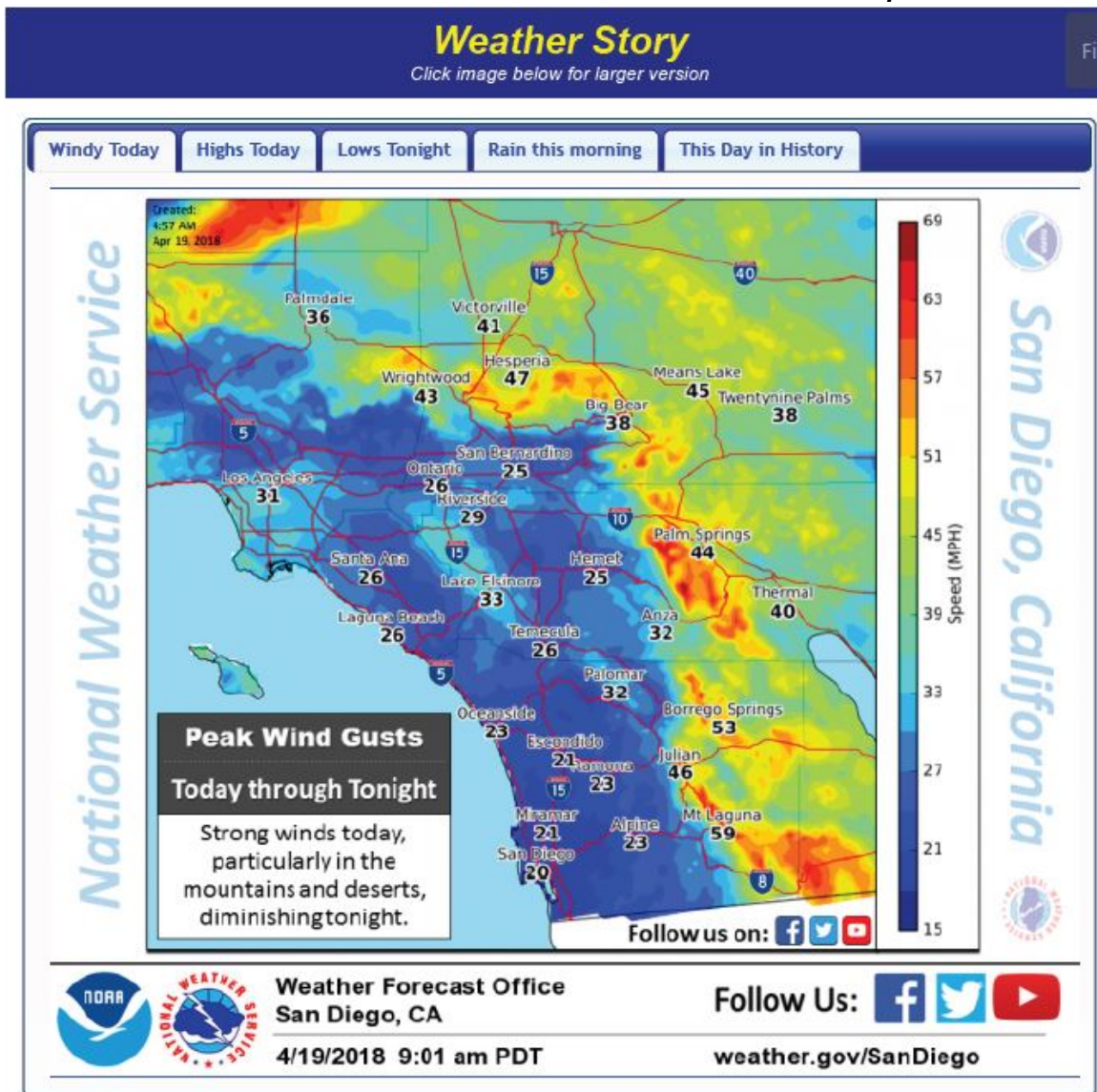


Fig C-7: Illustrates the extent of the high winds across the region

FIGURE C-8
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 19, 2018



Fig C-8: Illustrates the extent of the high winds and blowing dust in the deserts

FIGURE C-9
SAN DIEGO NWS WEATHER STORY APRIL 19, 2018

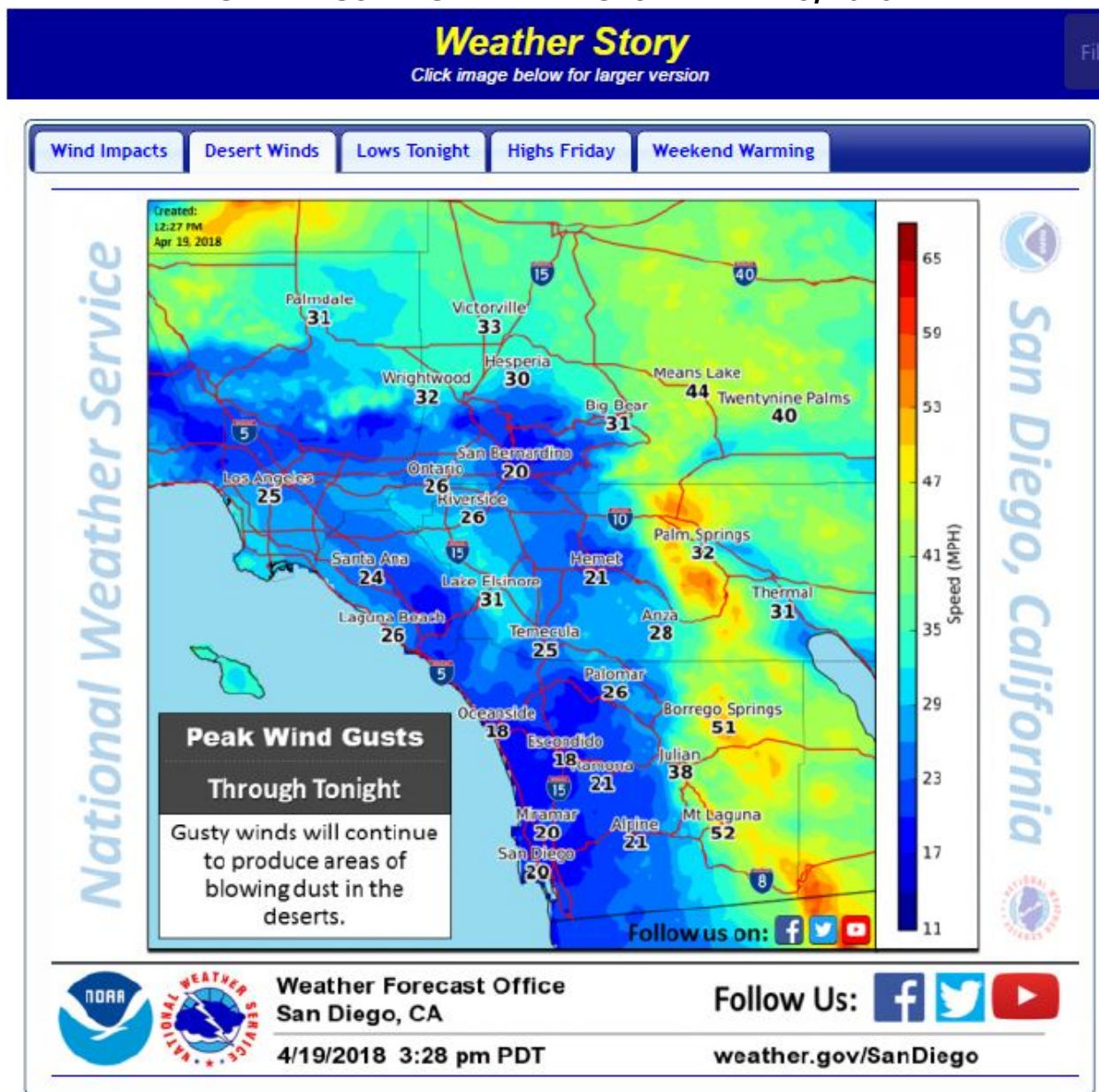


Fig C-9: Illustrates the extent of the high wind gusts across the region

**FIGURE C-10
AIRQUALITY INDEX**

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

Fig C-10: The Air Quality Index AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health affects you may experience within a few hours or days after breathing polluted air. EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health .Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country. Source:

<https://airnow.gov/index.cfm?action=aqibasics.aqi>

FIGURE C-11

IMPERIAL COUNTY DAILY WEATHER AND AG BURNING INFORMATION

Imperial County Air Pollution Control District
Daily Weather and Ag. Burning Information

Date: Thursday, April 19, 2018

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	53	W-8	10
8 AM	59	W-7	10
9 AM	68	W-6	10
10 AM	73	CALM	10
11 AM	75	CALM	10
NOON	78	5	10
1 PM	81	6	10
2 PM	82	5	10
3 PM	82	S-10	10
4 PM	83	3	10
5 PM	83	ESE-10	10
6 PM	N/A	N/A	N/A
7 PM	80	SE-11	10

Max. Temperature yesterday was 85 degrees

Today's Mt. Signal Visibility at 7:30 AM Hazy NKX 12Z 500 MB Height -
 1Y7 12Z 500 MB Height -

Forecasts

High Today 74

	Local Forecast (Issued 8 AM Local)	Computer Forecast (RUC 40KM 12Z)
Est. Time Mixing Height reaches 3000 feet	<u>-</u>	<u>10:30 am</u>
Forecast of Maximum Mixing Height	<u>-</u> feet	<u>4,620</u> feet
Forecast for Morning surface winds	<u>W 15-25</u> mph	<u>W 15-25</u> mph
Forecast for afternoon surface winds	<u>W 15-25</u> mph	<u>W 15-25</u> mph
Forecast for evening surface winds	<u>W 15-25</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>W 15-25</u> mph	

Comments/Complaints: Areas of blowing dust with gusts as high as 35 mph.

Burn Hours _____ ARB No Burn Day _____ District called No Burn Day XXX

Total actually burned today _____ acres Crops burned _____

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int FG

Fig C-11: Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on April 19, 2018

FIGURE C-12

IMPERIAL COUNTY AFFIDAVIT OF 30 DAY PUBLIC NOTICE

AFFIDAVIT OF PUBLICATION (2015.5 C.C.P.)

STATE OF CALIFORNIA

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

09/20.

all in the year 2019

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

SIGNATURE

Name of Account: I C AIR POLLUTION
CONTROL
Order Number: 11324959
Ad Number: 31574360

* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date: 21 st day of September, 2019.
at El Centro, California.

This space is for the County Clerk's
Filing Stamp:

AIR POLLUTION CONTROL DISTRICT

**NOTICE OF AVAILABILITY
OF THE DEMONSTRATION OF THE OCCURRENCE
OF SEVEN EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared seven Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion of measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a continuous Federal Equivalent Method monitor (FEM) are the seven Draft EE's.

April 11-12, 2018 Niland-191 µg/m3; Brawley-183 µg/m3; Calexico -182 µg/m3; El Centro-159 µg/m3;	April 18, 2018 Brawley-407 µg/m3; Calexico-407 µg/m3 El Centro-173 µg/m3; Niland-222 µg/m3; Westmorland-351 µg/m3
April 19, 2018 Brawley-334 µg/m3; Calexico-178 µg/m3; Westmorland-166 µg/m3	April 29, 2018 to May 1, 2018 Brawley-310 µg/m3; Niland-243 µg/m3; Westmorland-206 µg/m3; Brawley-270 µg/m3; Niland-162 µg/m3; Westmorland-207 µg/m3; Brawley-157 µg/m3
May 11, 2018 Brawley-335 µg/m3; El Centro-166 µg/m3; Niland-215 µg/m3; Westmorland-414 µg/m3	
May 25, 2018 Brawley-159 µg/m3; Calexico -156 µg/m3	June 17, 2018 Brawley-168 µg/m3

The public and all interested parties are encouraged to review and comment on the seven Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2018 Air District air monitors were affected by transported elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10). Winds, associated with a weather event suspended and transported PM10 into the region affecting areas within San Diego, Riverside, Yuma and Imperial counties. The seven Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is October 20, 2019 by close of business.

The seven Draft EE's for the days listed above are available for download at the Air District website at <https://apccd.imperialcounty.org/public-notice/> (under Public Notices; Exceptional Events). To view a hard copy of any of the seven Draft EE's, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

Fig C-12: Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for April 19, 2018. The date for closing comments was October 20, 2019

FIGURE C-13
IMPERIAL COUNTY COMMENTS REGARDING THE APRIL 19, 2018 EE
DEMONSTRATION

No Comments Received